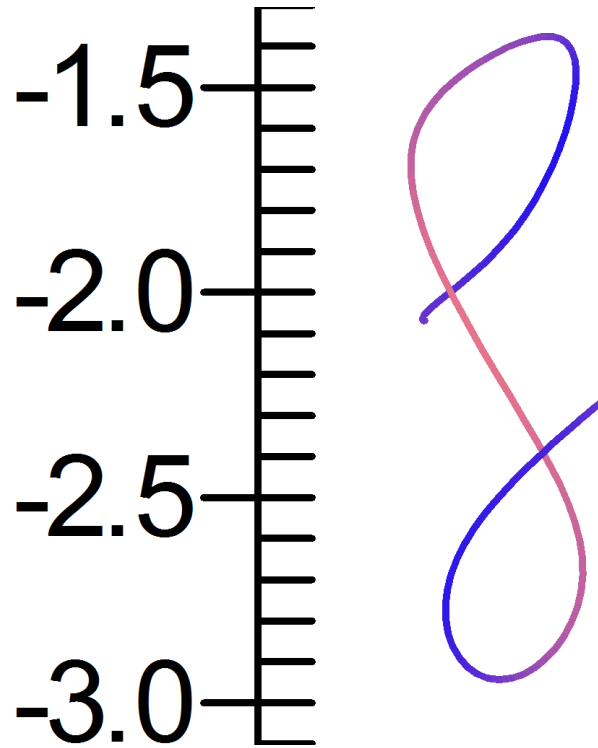
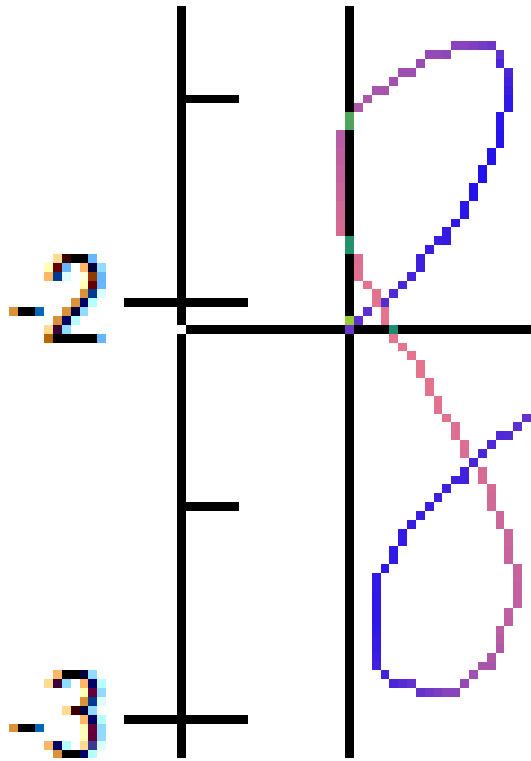


Exporting Charts in MovAlyzeR 6.1

Depending upon how you export Movalyzer charts you will receive different results.



MovAlyzeR enables the user to generate high quality images and animations.

Below, we describe the steps to generate images for documents and presentations, e.g., by pasting into
o

Program	Download	Info
MS Office Word, Powerpoint, ...		
OpenOffice Writer, Impress, ...	https://www.openoffice.org/download/	https://en.wikipedia.org/wiki/OpenOffice.org

In MS Word, PowerPoint

Resize Height and Width

Rightclick in image >Size

Lock aspect ratio

For next image: Click in it twice

Crop 4 sides

Click image >Picture tools (in banner) >Crop (right side of tool bar)

For next image: Click in it twice

Animated Gif

Do not export but do screen capture and save as GIF file. Then PPT insert (not paste) animated GIF file.

Program	Download	Info
ScreenToGif (More free programs exist)	http://www.screentogif.com/downloads/ https://screentogif.codeplex.com	http://www.softpedia.com/get/Multimedia/Graphic/Graphic-Others/Screen-to-Gif.shtml

Example of a GIF file: <https://www.dropbox.com/s/zdcw9zxwjd1atkp/Amongthemanymany.gif?dl=0>

Image processing programs

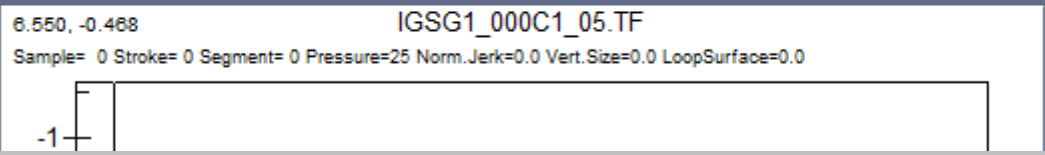
Additional programs exist http://filehippo.com/software/photos_images/

Program	Download	Info
MS Paint or Paint.NET	https://www.getpaint.net	https://en.wikipedia.org/wiki/Paint.net
Irfanview	http://www.irfanview.com/	https://en.wikipedia.org/wiki/IrfanView
Gimp	https://www.gimp.org/	https://en.wikipedia.org/wiki/GIMP http://filehippo.com/download_the_gimp

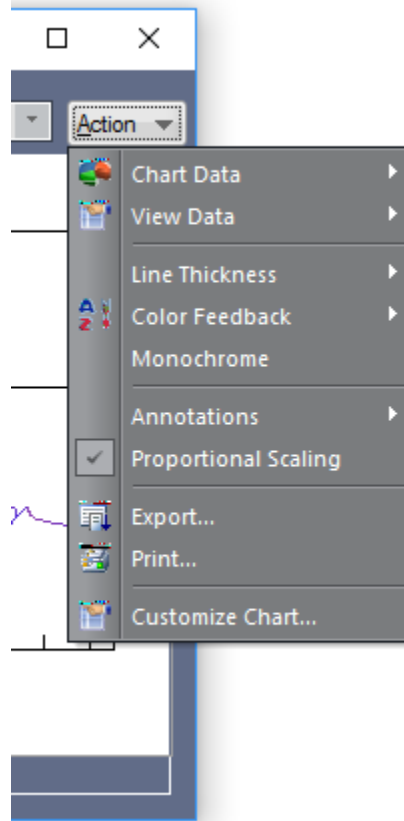
Chart a handwriting recording: Double-click on trial

Processed Data Chart : exp=IGS, grp=G1_ subj=000, cond=C1_ trial=5

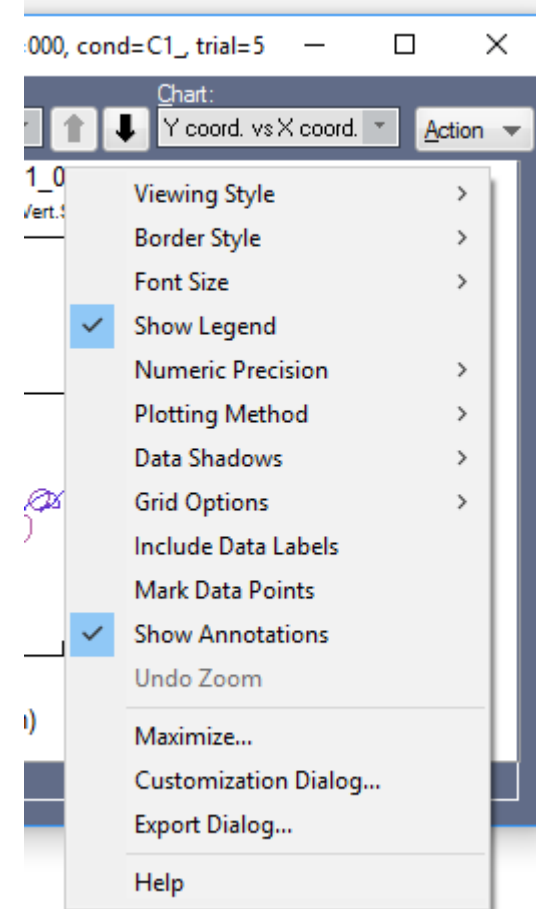
Trial: Y Axis: X Axis: Feedback: Chart:
← → Y coord. X coord. Y vel. ↑ ↓ Y coord. vs X coord. Action



Either: Action >Export



or: Rightclick in chart >Export Dialog



The default export:

**Metafile >ClipBoard >Export
then**

**Paste into your application
yields the highest quality.**

See below for examples using various export methods.

Exporting IGSG1_000C1_05.TF

Export

MetaFile BMP JPG PNG Text / Data Only

Export Destination

Clipboard

File

Printer

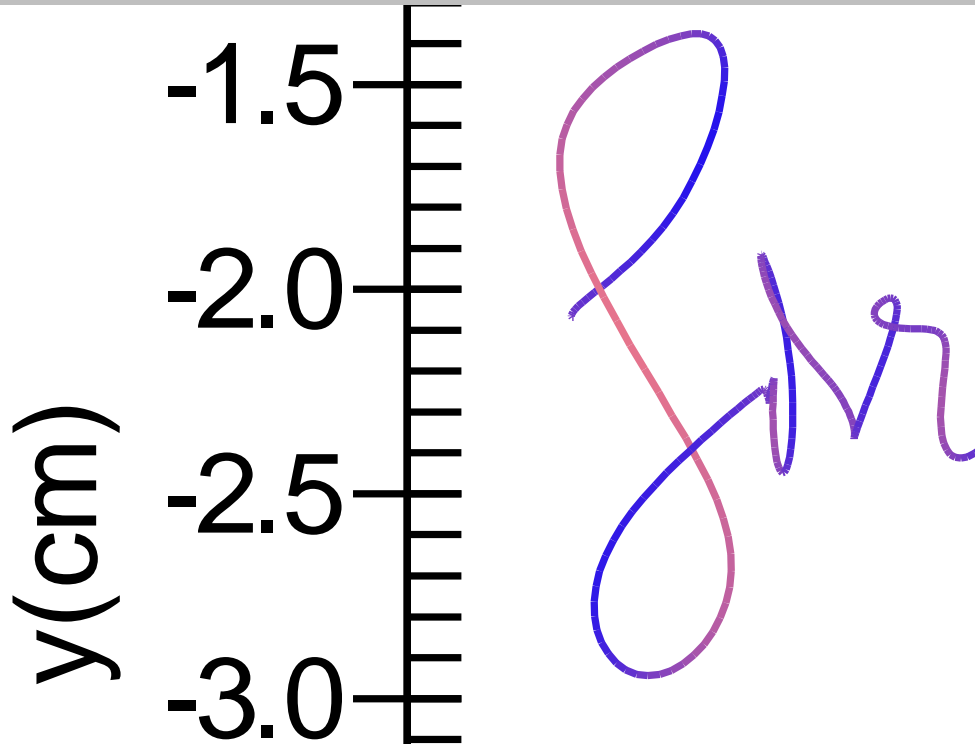
Object Size

No Specific Size Millimeters Inches Points

Width: / Units

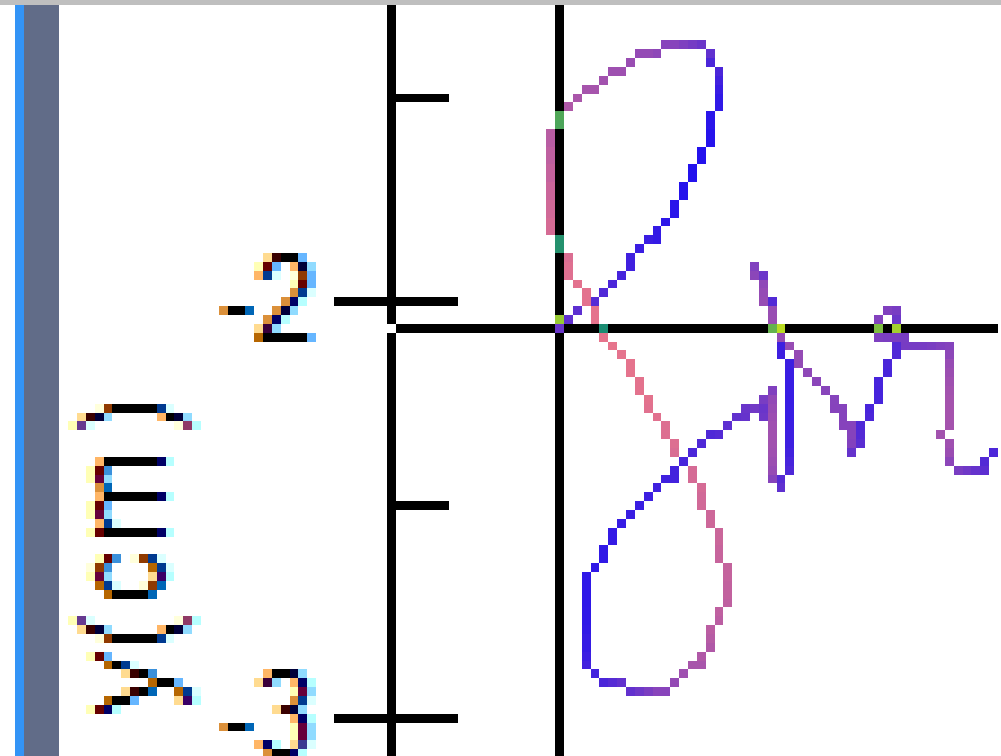
Highest-quality result:

Action >Export >Clipboard >Metafile



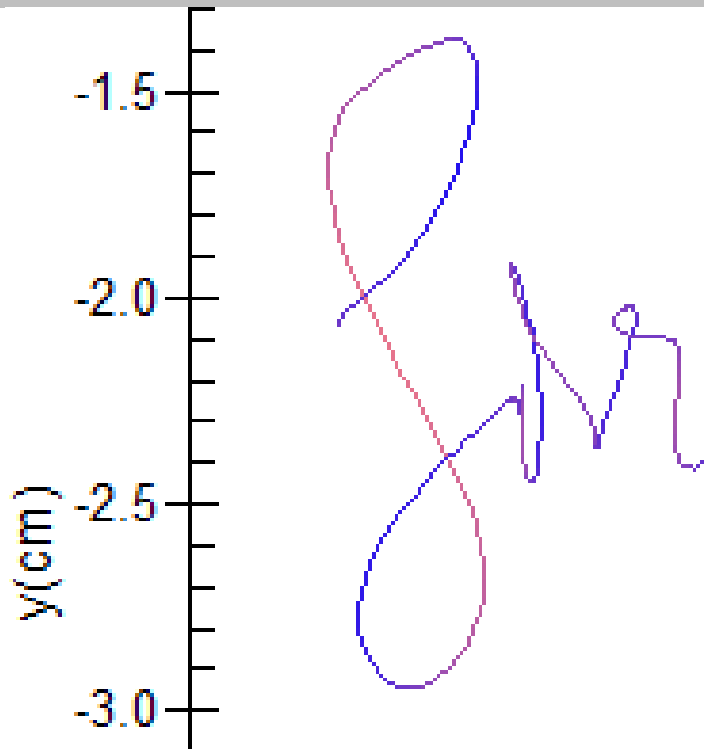
Worst quality result:

Print Screen



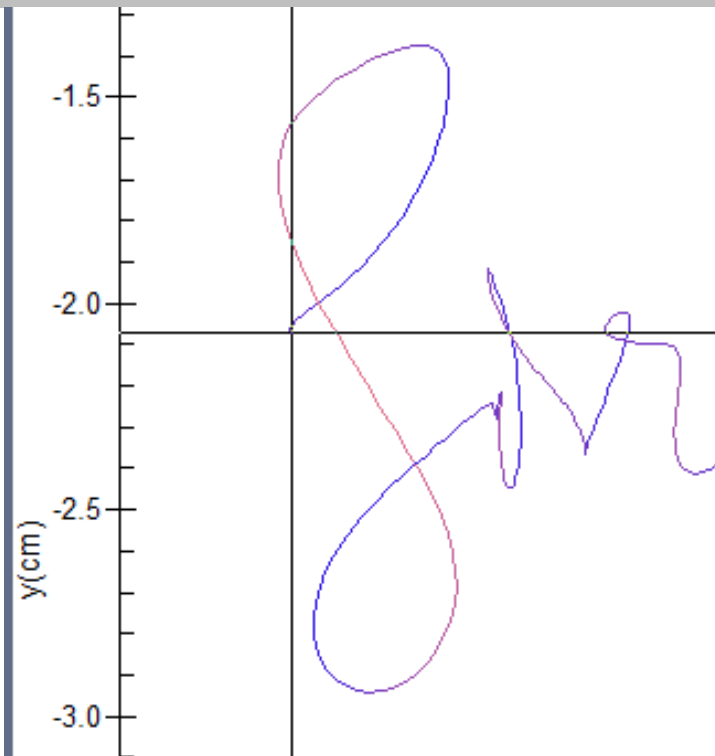
Moderate quality result

Action >Export >Clipboard >BMP
Action >Export >Clipboard >JPG
Action >Export >Clipboard >PNG (not available)



Slightly better result when maximizing window (1920x1080 pixels, WUXGA)

Maximize Window >Print Screen



Printing Charts and Stimuli Real Size

Do not export but print a chart directly.

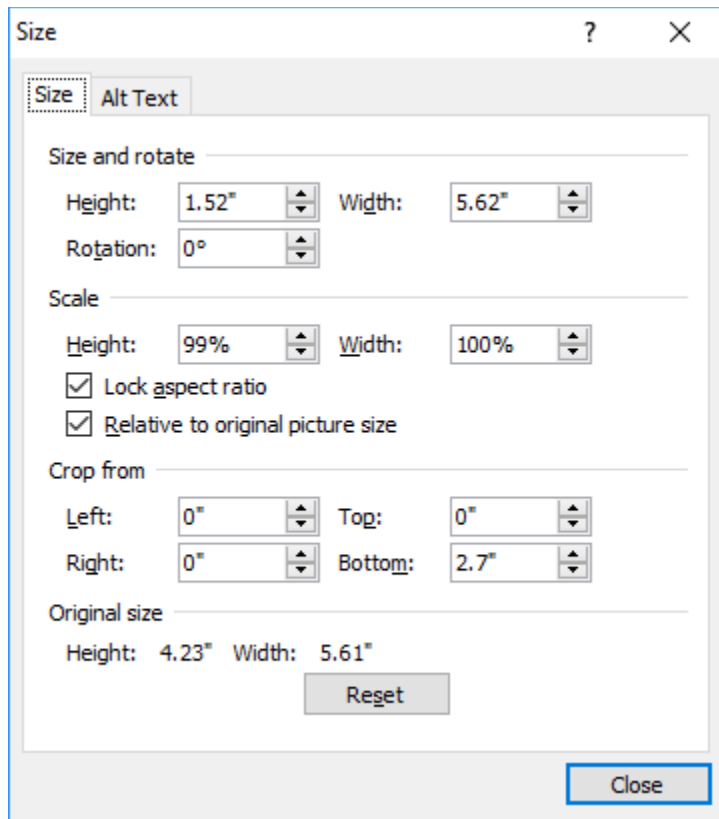
1. Chart the stimulus by rightclicking the particular stimulus >Chart or >Properties >Chart.
2. Check MonoChrome
3. Print (yielding an as-is print)
4. Measure the actual size of the x and y axes (e.g., 21 cm and 14 cm, respectively).
5. Tell MovAlyzeR these sizes by rightclicking inside the stimulus chart >Customization >Axis.
6. Fill out the min and max of the x-axis (e.g., 1 cm and 22 cm, respectively) and similarly for the y axis (e.g., 1 cm and 15 cm)
7. Right click chart > Print (yielding the real-size print).

This way you can print a stimulus the same size as on the digitizer, so that subjects can perform writing tasks with direct visual feedback instead of displaced visual feedback via the display.

Printing Scanned Images Real Size

MS Word treats every image as 92 DPI.

Therefore, if you scan an image at 300 DPI and paste or insert it using scale 100%, the image will be printed at $300/92 = 3.2x$ real size.



To print the scanned image in real size set the scale to $92/300=31\%$.

To magnify an image 2x, rescale to $2 * 92/300 = 62\%$

To magnify 3x, rescale to 93%, 4x, rescale to 123%, 5x, rescale to 153%, etc.

To display an MS Word page in real size on your screen, set the display zoom so that the page width equals the visible format of the (e.g., 8.5 inch or 21.59 cm for Letter size and 21.0 cm for A4 size paper). E.g., the display zoom may need to be set to 107%.